

## XP-002193781

AN - 1993-088803 [11]

A - [001] 014 02& 032 034 040 06- 072 074 075 076 117 122 140 15- 18& 18-  
20- 229 231 27& 308 309 310 331 437 441 456 461 473 476 541 551 556  
567 570 573 575 583 589 604 608 721 722 723

AP - JP19910193272 19910801 JP19910193272 19910801; [Previous Publ.  
J05032863 ]

CPY - SUMB

DC - A12 A21

DR - 1278-U 1544-U 1694-U 1949-U 2020-U 5214-U 5249-U 5272-U 5403-U

FS - CPI

IC - C08L9/02 ; C08L61/06 ; C08L61/10

KS - 0009 0011 0037 0057 0060 0069 0205 0218 0226 0376 1095 1277 2020 2211  
2214 2215 2216 2218 2465 2510 2545 2585 2600 2617 2632 2635 2667 3170

MC - A04-B04 A05-C01A A07-A04B A08-R01 A09-A05A

PA - (SUMB ) SUMITOMO BAKELITE CO

PN - JP5032863 A 19930209 DW199311 C08L61/06 005pp

- JP2653574B2 B2 19970917 DW199742 C08L61/06 005pp

PR - JP19910193272 19910801

XA - C1993-039505

XIC - C08L-009/02 ; C08L-061/06 ; C08L-061/10

AB - J05032863 The compsn. comprises 20-40 pts. wt. of (A) resol resin,  
5-15 pts. wt. of (B) novolak resin, 3-10 pts. wt. of (C) partially  
crosslinked acrylonitrile-butadiene rubber (NBR) and 35-65 pts. wt. of  
(D) inorganic filler.

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- Specifically, (A) may be of dimethylene ether or methylel type and  
should pref. have a softening point of above 70 deg.C (ball and ring  
method). (B) should pref. have a wt. average mol. wt. of higher than  
4,000, pref. 5,000 to 9,000. (A) and (B) are used in a ratio of 60:40  
to 90:10. (C) should pref. have a crosslinking ratio of less than 1%,  
an SP value of 9 to 10 and a mol. wt. of 200,000 to 500,000. (D)  
includes CaCO<sub>3</sub>, clay, mica, silica, wollastonite, Mg(OH)<sub>2</sub>, Al(OH)<sub>3</sub>,  
glass fibre, alumina fibre, etc.

- ADVANTAGE - The phenolic resin compsn. has well-balanced high  
flexural, tensile and impact strengths and excellent heat resistance.  
It has high fluidity and good injection mouldabil(Dwg.0/0)

AW - PHENOL]

AKW - PHENOL]

IW - HIGH IMPACT PHENOLIC RESIN COMPOSITION COMPRISE RESOL RESIN NOVOLAK  
RESIN CROSSLINK POLYACRYLONITRILE POLYBUTADIENE RUBBER INORGANIC FILL

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RESIN CROSSLINK POLYACRYLONITRILE POLYBUTADIENE RUBBER INORGANIC FILL

NC - 001

OPD - 1991-08-01

ORD - 1993-02-09

PAW - (SUMB ) SUMITOMO BAKELITE CO

TI - High-impact phenolic resin compsn. - comprises resol resin, novolak  
resin, partially crosslinked acrylonitrile]-butadiene] rubber and  
inorganic filler